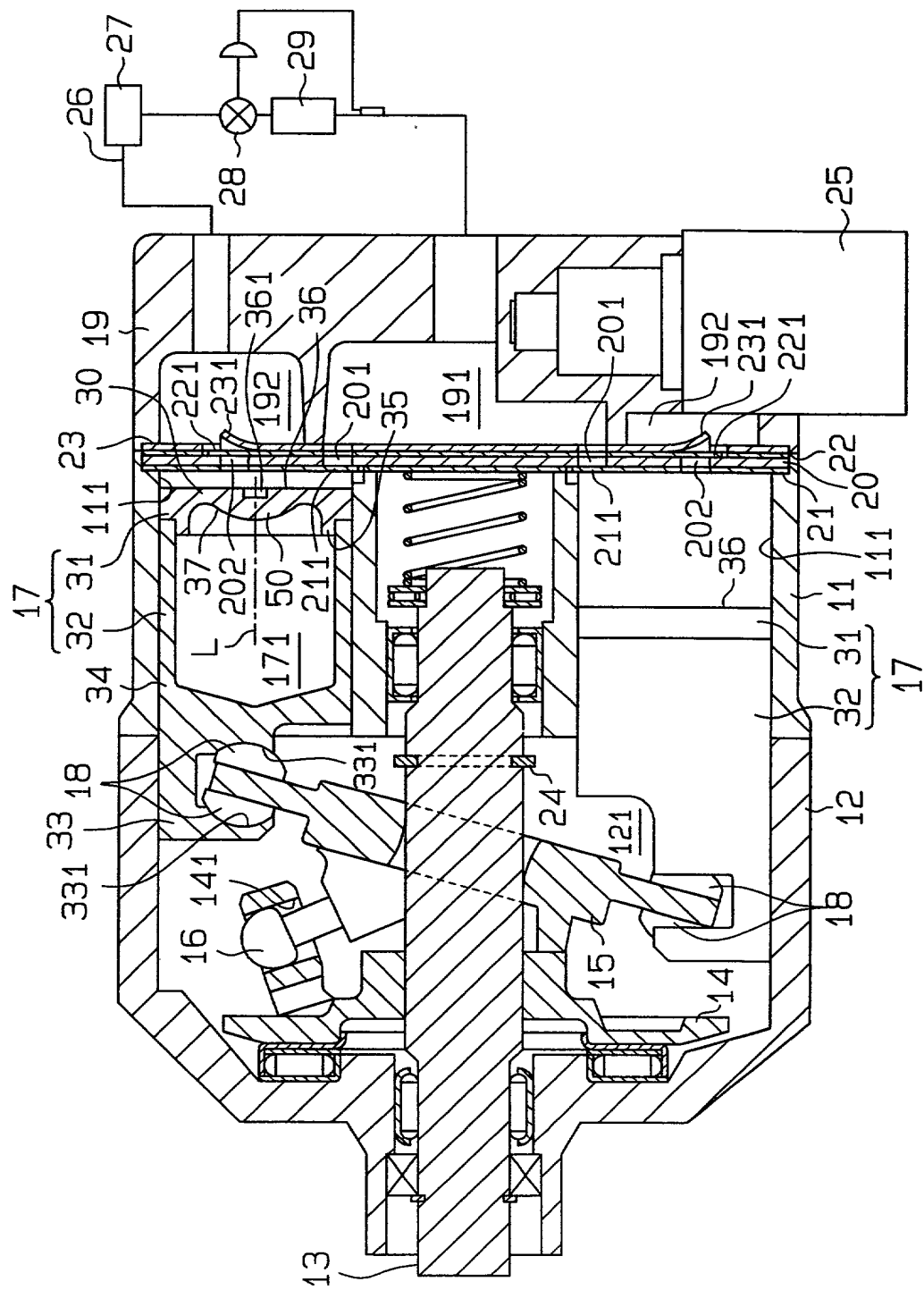
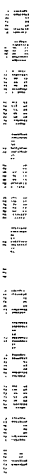


Fig. 1



| Variable | Mean | SD | Min | Max | Skewness | Kurtosis | Normality |
|------------------------------------|------|------|-----|------|----------|----------|-----------|
| Age | 34.2 | 12.5 | 18 | 65 | 0.15 | 3.2 | 0.98 |
| Gender | 0.45 | 0.50 | 0 | 1 | -0.05 | 3.0 | 0.99 |
| Marital Status | 0.60 | 0.49 | 0 | 1 | 0.10 | 3.1 | 0.98 |
| Education | 12.5 | 2.5 | 8 | 16 | 0.20 | 3.3 | 0.97 |
| Income | 1500 | 500 | 500 | 3000 | 0.30 | 3.4 | 0.96 |
| Occupation | 1.2 | 0.8 | 0 | 2 | 0.10 | 3.1 | 0.98 |
| Religion | 0.55 | 0.50 | 0 | 1 | -0.05 | 3.0 | 0.99 |
| Health | 0.70 | 0.46 | 0 | 1 | 0.10 | 3.1 | 0.98 |
| Stress | 2.5 | 1.5 | 1 | 5 | 0.20 | 3.3 | 0.97 |
| Depression | 1.8 | 1.2 | 1 | 4 | 0.15 | 3.2 | 0.98 |
| Life Satisfaction | 3.5 | 1.0 | 1 | 5 | -0.10 | 3.0 | 0.99 |
| Resilience | 2.8 | 1.2 | 1 | 5 | 0.10 | 3.1 | 0.98 |
| Self-Esteem | 3.2 | 1.1 | 1 | 5 | -0.05 | 3.0 | 0.99 |
| Optimism | 3.8 | 1.0 | 1 | 5 | -0.10 | 3.0 | 0.99 |
| Emotional Stability | 3.0 | 1.2 | 1 | 5 | 0.10 | 3.1 | 0.98 |
| Psychological Well-being | 3.5 | 1.1 | 1 | 5 | -0.05 | 3.0 | 0.99 |
| Life Satisfaction (Control) | 3.5 | 1.0 | 1 | 5 | -0.10 | 3.0 | 0.99 |
| Resilience (Control) | 2.8 | 1.2 | 1 | 5 | 0.10 | 3.1 | 0.98 |
| Self-Esteem (Control) | 3.2 | 1.1 | 1 | 5 | -0.05 | 3.0 | 0.99 |
| Optimism (Control) | 3.8 | 1.0 | 1 | 5 | -0.10 | 3.0 | 0.99 |
| Emotional Stability (Control) | 3.0 | 1.2 | 1 | 5 | 0.10 | 3.1 | 0.98 |
| Psychological Well-being (Control) | 3.5 | 1.1 | 1 | 5 | -0.05 | 3.0 | 0.99 |



| Variable | Mean | SD | Min | Max | Skewness | Kurtosis | Normality |
|------------------------------------|------|------|-----|------|----------|----------|-----------|
| Age | 34.2 | 12.5 | 18 | 65 | 0.15 | 3.2 | 0.98 |
| Gender | 0.45 | 0.50 | 0 | 1 | -0.05 | 3.0 | 0.99 |
| Marital Status | 0.60 | 0.49 | 0 | 1 | 0.10 | 3.1 | 0.98 |
| Education | 12.5 | 2.5 | 8 | 16 | 0.20 | 3.3 | 0.97 |
| Income | 1500 | 500 | 500 | 3000 | 0.30 | 3.4 | 0.96 |
| Occupation | 1.2 | 0.8 | 0 | 2 | 0.10 | 3.1 | 0.98 |
| Religion | 0.55 | 0.50 | 0 | 1 | -0.05 | 3.0 | 0.99 |
| Health | 0.70 | 0.46 | 0 | 1 | 0.10 | 3.1 | 0.98 |
| Stress | 2.5 | 1.5 | 1 | 5 | 0.20 | 3.3 | 0.97 |
| Depression | 1.8 | 1.2 | 1 | 4 | 0.15 | 3.2 | 0.98 |
| Life Satisfaction | 3.5 | 1.0 | 1 | 5 | -0.10 | 3.0 | 0.99 |
| Resilience | 2.8 | 1.2 | 1 | 5 | 0.10 | 3.1 | 0.98 |
| Self-Esteem | 3.2 | 1.1 | 1 | 5 | -0.05 | 3.0 | 0.99 |
| Optimism | 3.8 | 1.0 | 1 | 5 | -0.10 | 3.0 | 0.99 |
| Emotional Stability | 3.0 | 1.2 | 1 | 5 | 0.10 | 3.1 | 0.98 |
| Psychological Well-being | 3.5 | 1.1 | 1 | 5 | -0.05 | 3.0 | 0.99 |
| Life Satisfaction (Control) | 3.5 | 1.0 | 1 | 5 | -0.10 | 3.0 | 0.99 |
| Resilience (Control) | 2.8 | 1.2 | 1 | 5 | 0.10 | 3.1 | 0.98 |
| Self-Esteem (Control) | 3.2 | 1.1 | 1 | 5 | -0.05 | 3.0 | 0.99 |
| Optimism (Control) | 3.8 | 1.0 | 1 | 5 | -0.10 | 3.0 | 0.99 |
| Emotional Stability (Control) | 3.0 | 1.2 | 1 | 5 | 0.10 | 3.1 | 0.98 |
| Psychological Well-being (Control) | 3.5 | 1.1 | 1 | 5 | -0.05 | 3.0 | 0.99 |

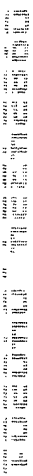


Fig.4

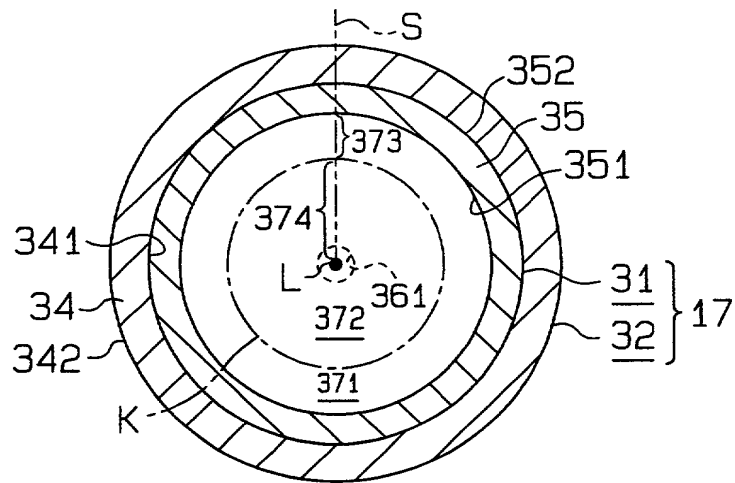


Fig.5

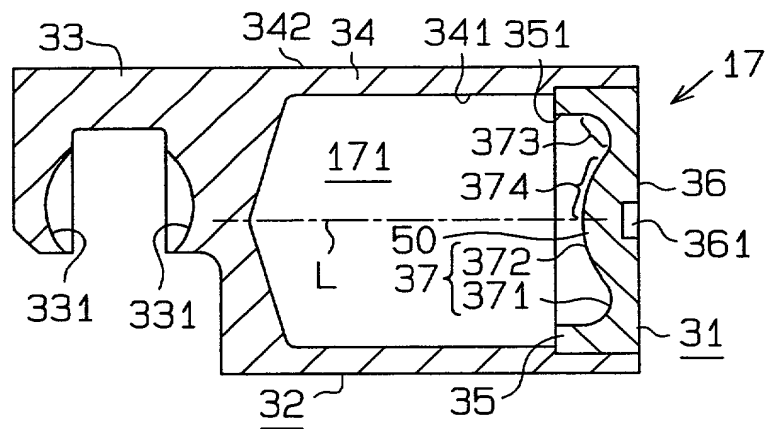
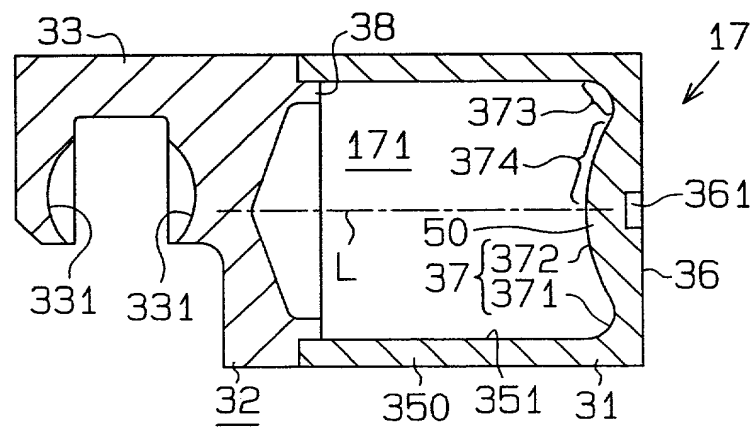
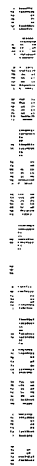


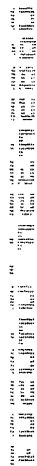
Fig.6



| Parameter | Value | Unit |
|------------------|----------------------|--------|
| Temperature | 25.0 | °C |
| Pressure | 1.0 | atm |
| Flow rate | 1.0 | L/min |
| Concentration | 0.1 | mol/L |
| pH | 7.0 | |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30.0 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | |



| Parameter | Value | Unit |
|------------------|----------------------|--------|
| Temperature | 25.0 | °C |
| Pressure | 1.0 | atm |
| Flow rate | 1.0 | L/min |
| Concentration | 0.1 | mol/L |
| pH | 7.0 | |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Photodiode array | |
| Injection volume | 10 | μL |
| Column | C18 | |
| Mobile phase | Water/Acetonitrile | |
| Gradient | 0-100% ACN in 10 min | |
| Flow rate | 1.0 | mL/min |
| Temperature | 30 | °C |
| Wavelength | 254 | nm |
| Scan rate | 1.0 | nm/min |
| Integration time | 1.0 | s |
| Resolution | 0.5 | nm |
| Detector | Phot | |



| Parameter | Value | Unit |
|---------------------|--------------|-------------------|
| Initial temperature | 25.0 | °C |
| Final temperature | 100.0 | °C |
| Heating rate | 10.0 | °C/min |
| Sample weight | 0.5000 | g |
| Sample size | 1.0 | mm |
| Sample shape | Disc | |
| Sample color | Black | |
| Sample density | 1.20 | g/cm ³ |
| Sample purity | 99.99 | % |
| Sample grade | High | |
| Sample source | ABC Corp. | |
| Sample lot | 12345 | |
| Sample date | 2023-10-27 | |
| Sample time | 14:30 | |
| Sample operator | John Doe | |
| Sample location | Lab 101 | |
| Sample instrument | DSC-1 | |
| Sample method | Standard | |
| Sample result | Pass | |
| Sample comment | Good quality | |

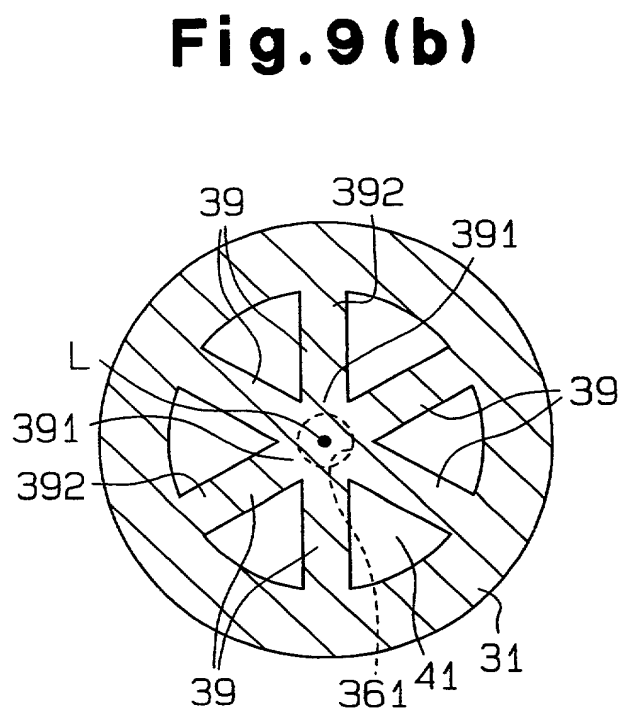


Fig.10 (b)

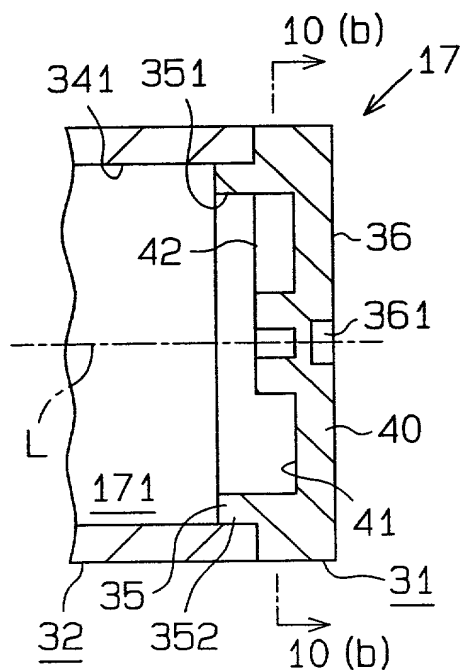


Fig.11 (a)

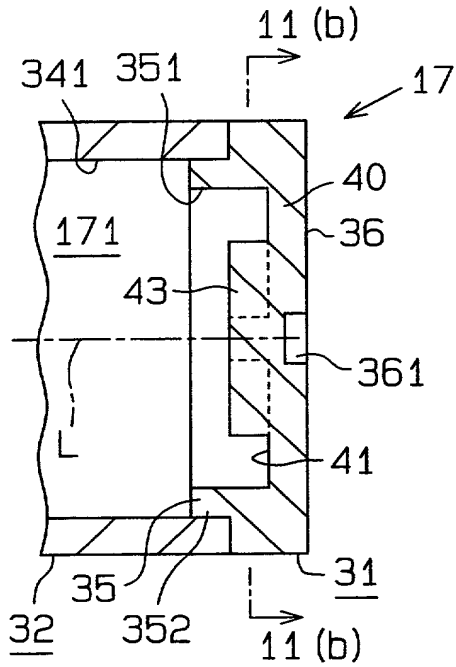


Fig.11 (b)

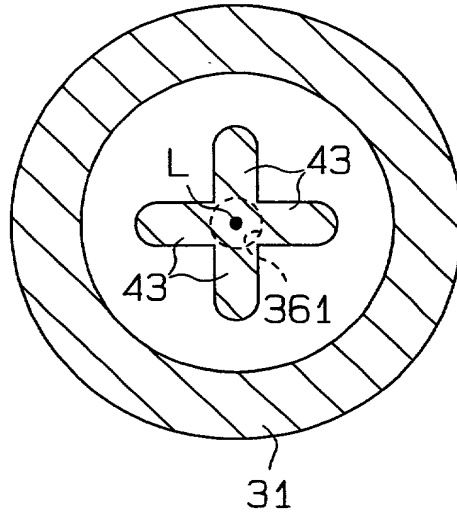


Fig.12 (a)

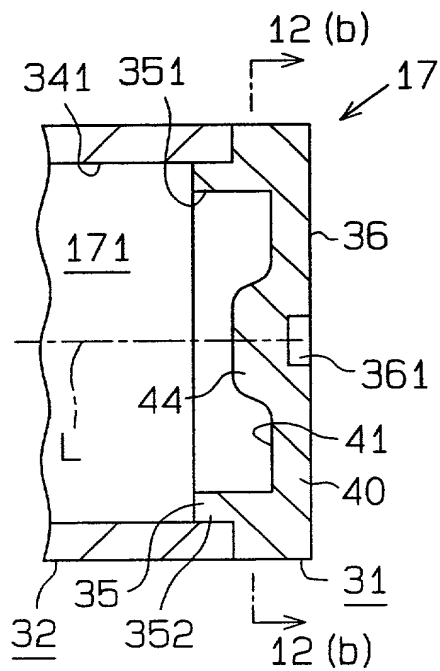


Fig.12 (b)

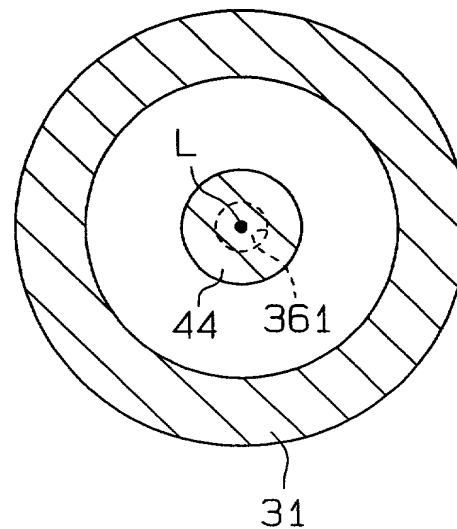


Fig.13(a)

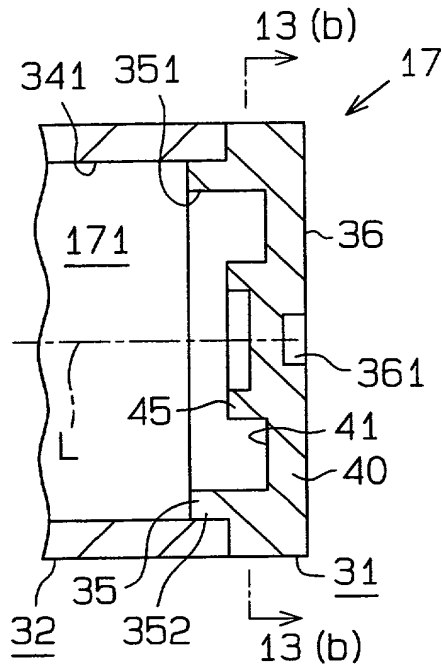


Fig.13(b)

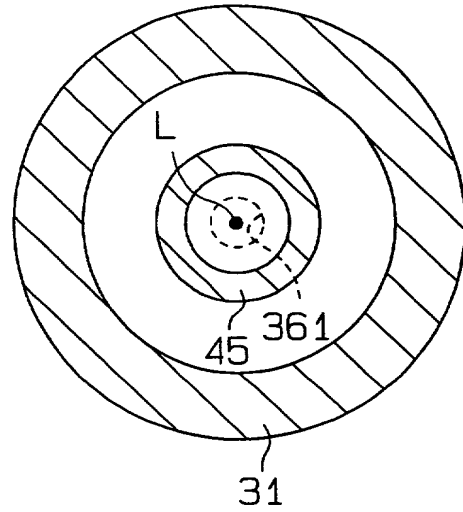


Fig.14(a)

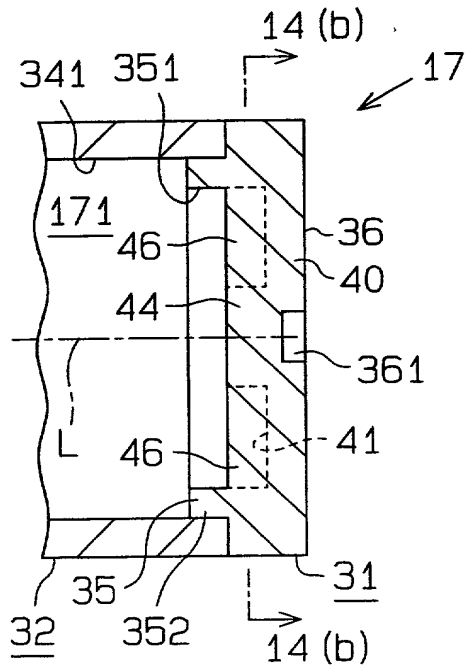


Fig.14(b)

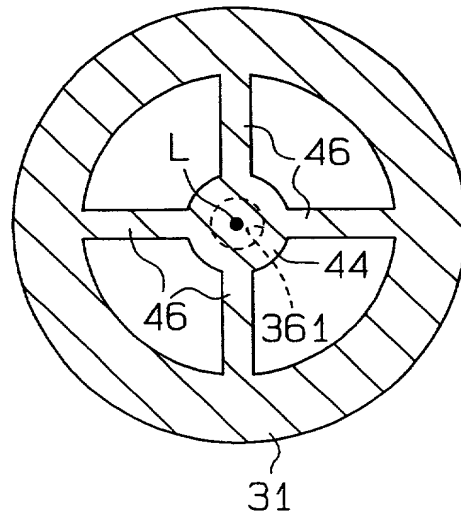


Fig.15(a)

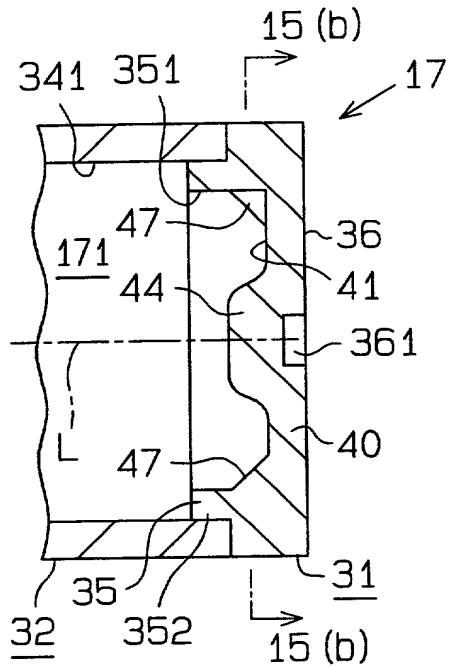


Fig.15(b)

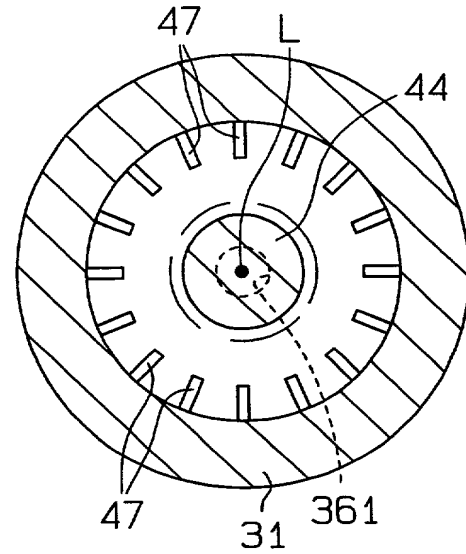


Fig.16(a)

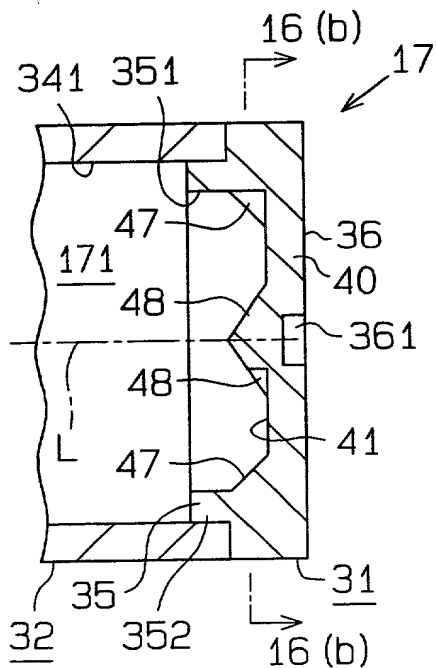


Fig.16(b)

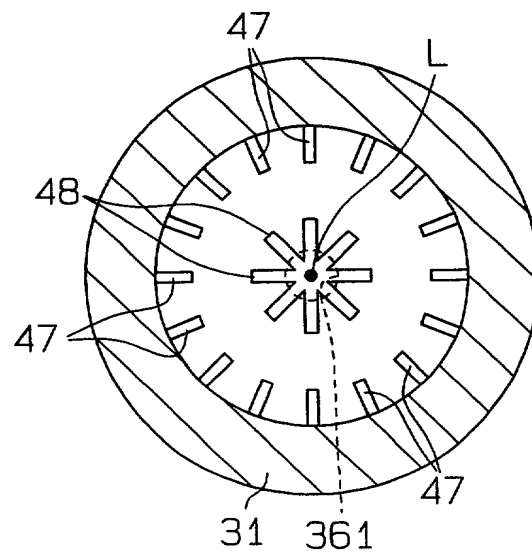


Fig.17(a)

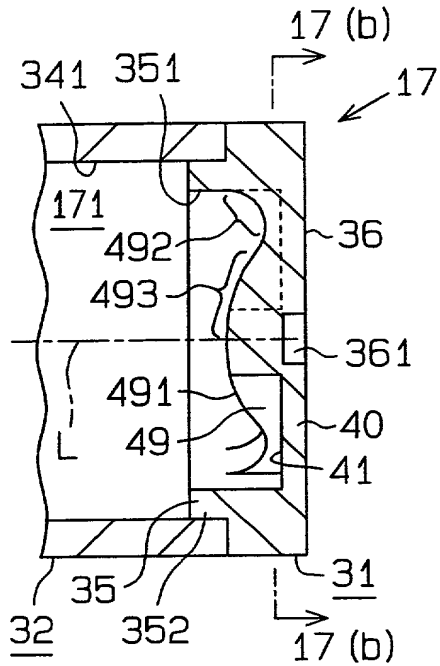


Fig.17(b)

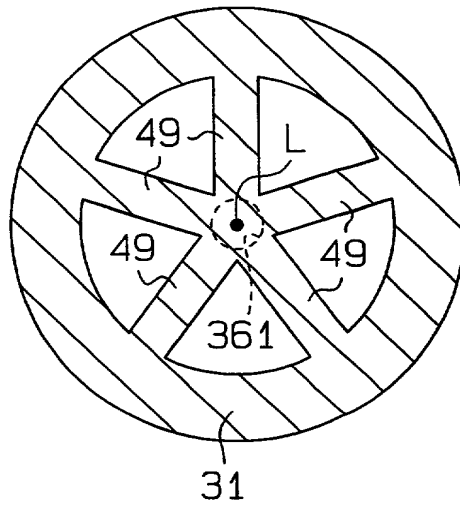


Fig.18(a)

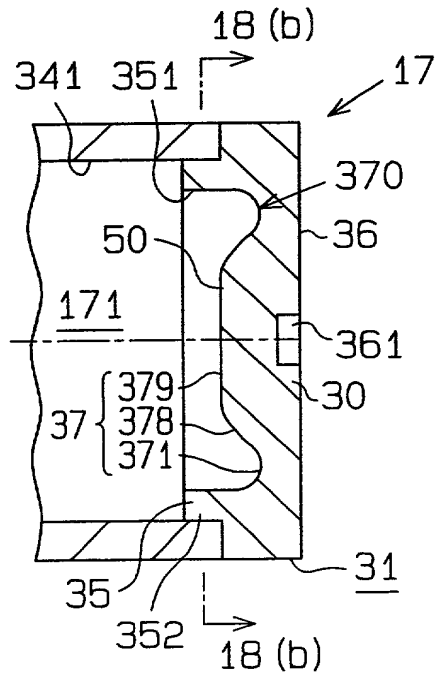
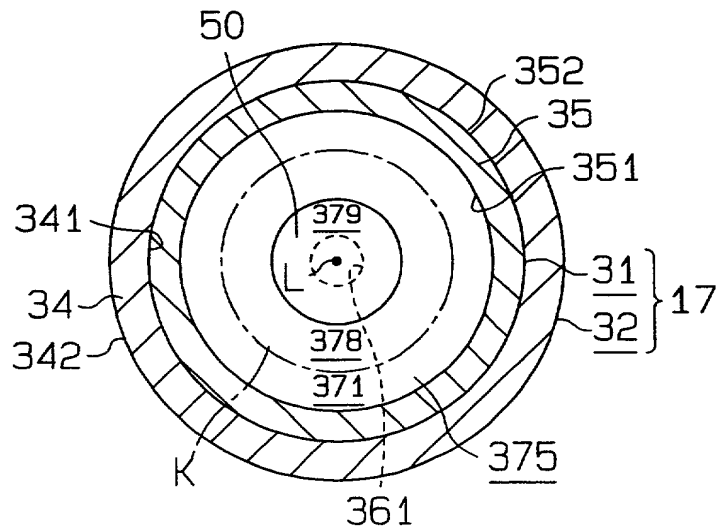
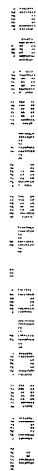


Fig.18(b)



| Variable | Mean | Standard Deviation | Minimum | Maximum |
|-------------------|------|--------------------|---------|---------|
| Age | 34.5 | 12.5 | 20 | 65 |
| Gender | 0.5 | 0.5 | 0 | 1 |
| Marital Status | 0.7 | 0.5 | 0 | 1 |
| Education | 12.5 | 2.5 | 9 | 16 |
| Income | 3500 | 1500 | 1000 | 8000 |
| Health | 0.8 | 0.4 | 0 | 1 |
| Smoking | 0.3 | 0.5 | 0 | 1 |
| Alcohol | 0.2 | 0.4 | 0 | 1 |
| Exercise | 0.5 | 0.5 | 0 | 1 |
| Stress | 0.6 | 0.5 | 0 | 1 |
| Depression | 0.4 | 0.5 | 0 | 1 |
| Loneliness | 0.5 | 0.5 | 0 | 1 |
| Life Satisfaction | 0.7 | 0.4 | 0 | 1 |
| Quality of Life | 0.8 | 0.3 | 0 | 1 |
| Overall Health | 0.9 | 0.2 | 0 | 1 |



| Variable | Mean | Standard Deviation | Minimum | Maximum |
|----------------|---------|--------------------|---------|---------|
| Age | 34.5 | 12.5 | 18 | 65 |
| Gender | 0.5 | 0.5 | 0 | 1 |
| Marital Status | 0.7 | 0.5 | 0 | 1 |
| Education | 12.5 | 2.5 | 9 | 16 |
| Income | 3500 | 1500 | 1000 | 8000 |
| Health | 0.8 | 0.4 | 0 | 1 |
| Smoking | 0.3 | 0.5 | 0 | 1 |
| Alcohol | 0.2 | 0.4 | 0 | 1 |
| Exercise | 0.5 | 0.5 | 0 | 1 |
| Stress | 0.6 | 0.5 | 0 | 1 |
| Sleep | 0.7 | 0.4 | 0 | 1 |
| Diet | 0.6 | 0.5 | 0 | 1 |
| Work | 0.8 | 0.4 | 0 | 1 |
| Family | 0.7 | 0.5 | 0 | 1 |
| Friends | 0.6 | 0.5 | 0 | 1 |
| Hobbies | 0.5 | 0.5 | 0 | 1 |
| Travel | 0.4 | 0.5 | 0 | 1 |
| Shopping | 0.3 | 0.5 | 0 | 1 |
| Reading | 0.2 | 0.4 | 0 | 1 |
| TV | 0.1 | 0.3 | 0 | 1 |
| Phone | 0.05 | 0.2 | 0 | 1 |
| Internet | 0.02 | 0.1 | 0 | 1 |
| Car | 0.1 | 0.3 | 0 | 1 |
| House | 0.05 | 0.2 | 0 | 1 |
| Boat | 0.01 | 0.1 | 0 | 1 |
| Plane | 0.005 | 0.05 | 0 | 1 |
| Yacht | 0.001 | 0.01 | 0 | 1 |
| Jet | 0.0001 | 0.001 | 0 | 1 |
| Space | 0.00001 | 0.0001 | 0 | 1 |

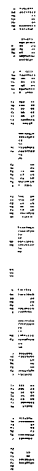


Fig. 21

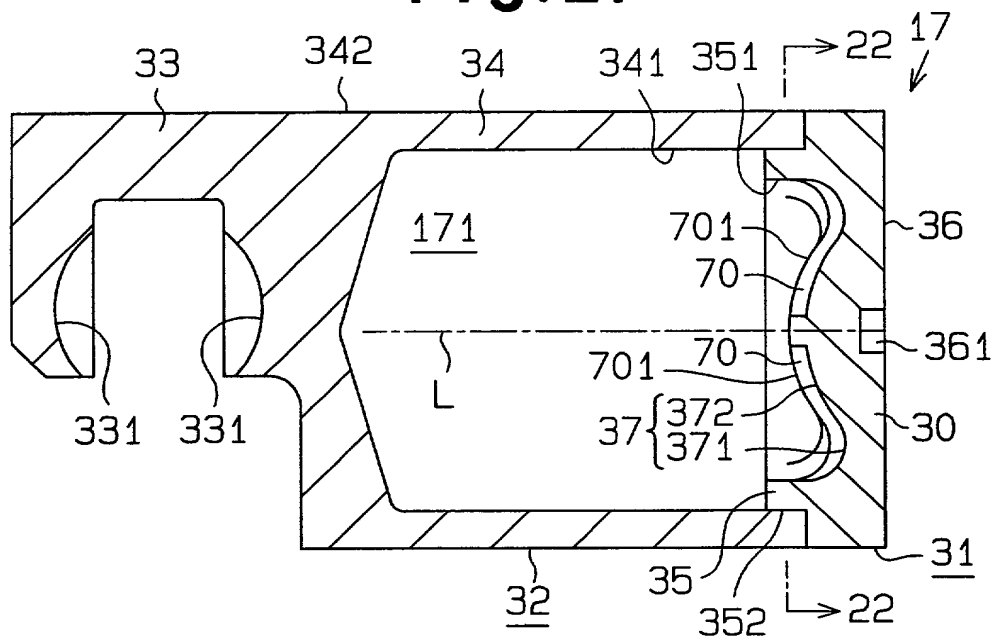


Fig. 22

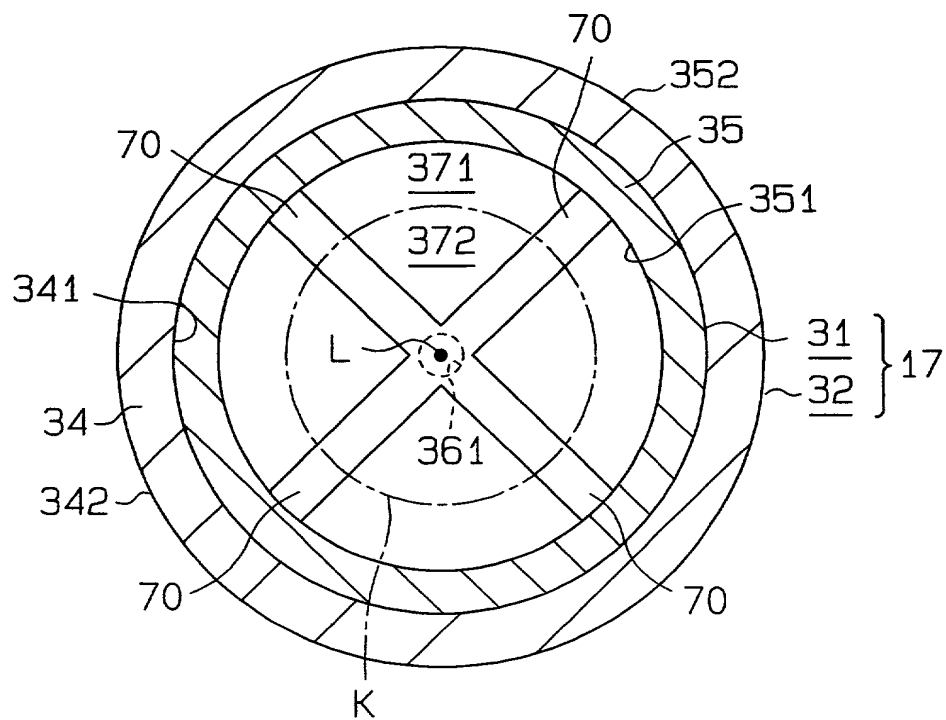


Fig. 23 (a)

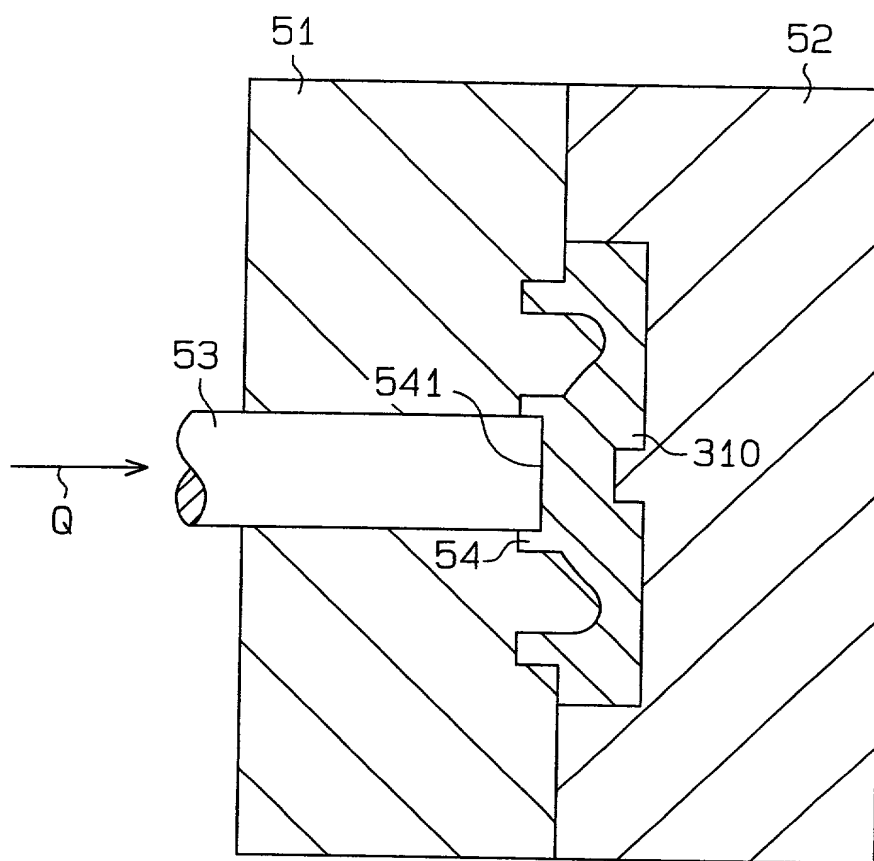


Fig. 23 (b)

